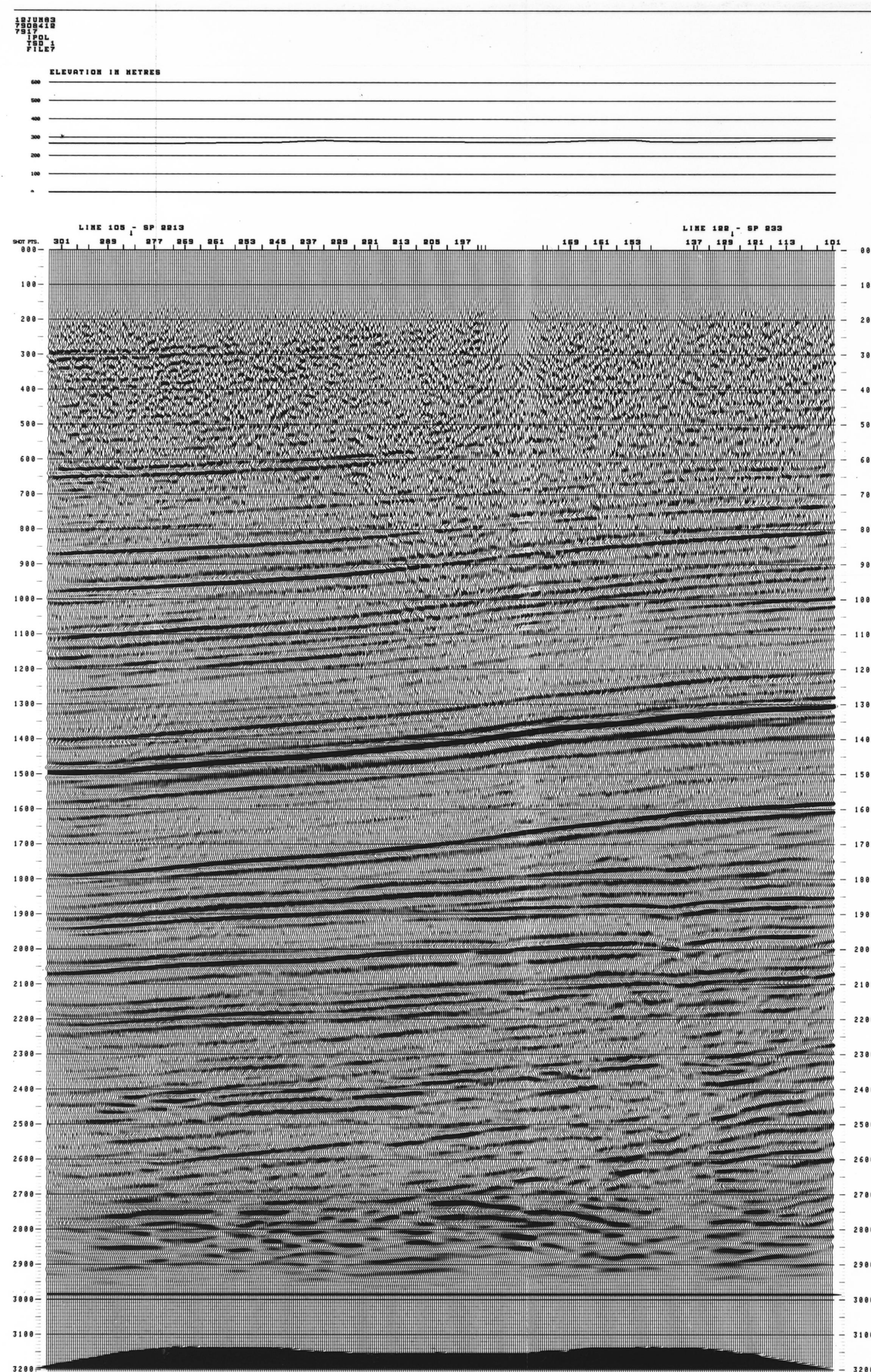




PETREL CONSULTANTS LTD.

PROCESSED FOR
 NSM RESOURCES LTD.
 REVERSE POLARITY
 AREA: LITTLE BEAR
 LINE: 121
 LOCATION: N.W.T.
 SW 305 SHOT POINTS 101 NE

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 120 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 1200S SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM	500 M
REPLACEMENT VELOCITY	3048 M/SEC

PROCESSING PARAMETERS

```
DATE: MAY 1983
1. DEMULTIPLEX
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION

TYPE: SPIKING
GATE: 880 - 2200 NS.
OPERATOR LENGTH: 72 NS.
PRE-WHITENING: 5 %
WELL TOT
ELEV/TUN/DRIFT

5. NMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 500 - 2000 NS.
11. FIRST BRUTE NUTE
TIME 0 DIST. 272
TIME 450 DIST. 386
TIME 770 DIST. 544
TIME 1400 DIST. 1632

12. STACK 1200Z
0-1050 NS., 20/26-78/85
13. FILTER
1250-3000 NS., 16/23-65/75

14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
90% OF RMS VELOCITIES
16. FILE DISPLAY 24 TR/IN. 7.5 IN/SEC
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9 2 2 9 - N 9 - 3 E